WHAT IS CLAIMED IS:

1. A human monoclonal antibody that binds to phospholipase A2 (PLA2) and comprises a heavy chain having an amino acid sequence selected from the group consisting of SEQ ID NOS: 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 30, and 31.

2. The antibody of Claim 1, further comprising a light chain having an amino acid sequence selected from the group consisting of SEQ ID NOS: 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, and 28.

3. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:3 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:4.

4. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:5 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:6.

5. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:7 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:8.

6. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:9 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:10.

7. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:11 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:12.

8. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:13 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:14.

9. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:15 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:16.

10. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:17 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:18.

11. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:19 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:20.

12. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:21 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:22.

13. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:23 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:24.

14. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:25 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:26.

15. The human monoclonal antibody of Claim 2, wherein the heavy chain has an amino sequence comprising the sequence of SEQ ID NO:27 and the light chain has an amino sequence comprising the sequence of SEQ ID NO:28.

16. An antibody immobilized on an insoluble matrix, wherein the antibody is the antibody of Claim 2.

17. A method for assaying the level of phospholipase A2 (PLA2) in a patient sample, wherein said method comprises the use of the anti-PLA2 antibody of Claim 2 for detection of the level of PLA2 in the assay of a patient sample.

18. The method according to Claim 17 wherein the patient sample is blood.

19. A composition comprising the antibody of Claim 2, or a binding fragment thereof, and a pharmaceutically acceptable carrier.

20. A method of effectively treating inflammatory conditions, comprising:

selecting an animal in need of treatment for an inflammatory condition; and

administering to said animal a therapeutically effective dose of an antibody, or binding fragment thereof, that specifically binds to phospholipase A2 (PLA2).

21. The method of Claim 20, wherein said animal is human.

22. The method of Claim 20, where said antibody is a fully human monoclonal antibody.

23. The method of Claim 20, wherein said inflammatory condition is selected from the group consisting of: inflammatory and degenerative disorders stemming from inflammatory reactions in the joints, skin, and blood vessels, arthritis, psoriasis, asthma, Alzheimer's disease, atherosclerosis, and restenosis.

24. The method of Claim 20, wherein the antibody is the antibody of Claim 2.

25. A method of effectively treating restinosis, comprising:

selecting an animal in need of treatment for an inflammatory condition; and

administering to said animal a therapeutically effective dose of an antibody, or binding fragment thereof, that specifically binds to phospholipase A2 (PLA2).

26. The method of Claim 25, wherein said animal is human.

27. The method of Claim 25, wherein said antibody is a fully human monoclonal antibody.

28. The method of Claim 25, wherein the antibody is the antibody of Claim 2.